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TRUMAP - Networking and Dialogue on Black Truffles and Medicinal and Aromatic Plants in Turkey and Spain

WORKSHOP REPORT

MAPS & TRUFFLES PRODUCTION IN CATALONIA & TURKEY

Solsona, 14 December 2016

Partners:

Forest Sciences Centre of Catalonia (CTFC) and

Yaşama Dair Vakıf (YADA Foundation)



Introduction

The day after the field visits in Catalonia, a workshop was organized in Solsona, at the Forest Sciences Centre of Catalonia headquarters, to discuss on NWFPs production and commercialization, and options to improve the sector. As an introduction of the workshop, some experts of the NWFPs sector from Turkey and Catalonia presented the work already done in the project (A1. Diagnosis of the sector) on the truffles and MAPs production in both countries and also particular experiences. Besides the Turkish group, some local experts were invited to participate in the event.

MAPs WORKSHOP REPORT

Medicinal and Aromatic Plants' production models and commercialisation channels used in each country

Attendants:

Eva Moré, CTFC (moderator)

Turkish stakeholders: Saadet Tuğrul Ay (BATEM), Nazım Şekeroğlu (AMAPMED), Sevgi GEZİCİ (AMAPMED), Hüseyin Ay (MORLAB), Emir Demirsoy (Demirsoy Tarım Hayvancılık LTD ŞTİ)

Catalan stakeholders: Pilar Comes (Parc de les Olors), Fèlix de Pedro (Bernau Herbes)

Workshop results

Nazim explains that, in the last 3 years, there have been elaborated many studies and publications on how to do the wild harvesting and also some species like *Origanum* have started to be more cultivated than collected.

- Strategic ideas for developing the MAPs production sector:
 - Organise the cooperation among wild collectors for processing and commercialise.
 - Training wild collectors in quality processing.
 - Economic alternatives for rural people that allow them to remain in their areas and avoid migration to cities.
 - Which different marketing models could be interesting for Turkish producers.
 - Possible cultivation development in Turkey: both export and domestic market.
 - Need of having market information: demand of species.
- Possible collaborations
 - Bernau Herbes was interested in having contacts to purchase samples of Turkish *Origanum* species. Now there is a lack of good oregano in Spanish market, and they want to see if the Turkish varieties are accepted in the market.

- Saadet and Emir are very interested in the “Parc de les Olors” model and they would like to keep in contact to see possibilities of development of the idea in Turkey.

According to that conclusions, Eva Moré will outline the main chapters of the handbook that has to be developed and send this to the Turkish stakeholders in order to know if the previewed content fits with their expectations.

Turkish stakeholders will point out the species they find that will be the most interesting for the market and Eva Moré will try to find market information. Some data on species demand will be welcomed in the handbook.

Handbook outlines:

- From wild collection to cultivation: main features of the MAPs production
- From raw material to final product: cultivation and processing.
- From sustainable collection to good agricultural and manufacturing practices: environment and quality
- From bulk to retail: marketing models and study cases
- Crop information sheets: main marketable species in Turkey

TRUFFLES WORKSHOP REPORT

Truffles production models and commercialisation channels used in each country

Attendants:

Christine Fischer, Dani Oliach, CTFC (moderators)

Turkish stakeholders: Yildiray Lise (DKM), Özgür Balcı (DKM), Emin Simdi (OGM), Galip Çağtay Tufanoğlu (OGM), Murat Masun (OGM), Özge Ergüler (OGM), Niyazi Uluçoban (Trüf Mantarı Tanıtım ve Araştırma Derneği), Emir Demirsoy (Trüf Mantarı Tanıtım ve Araştırma Derneği), Hatice Demirbaş (Tarım Orman İş Sendikası) and Şükrü Durmuş (Tarım Orman İş Sendikası).

Catalan stakeholders: Dídac Espasa (Vice president of Truffle Producers Association in Catalonia)

Workshop results

There are many potential activities and initiatives identified for the continued development of the truffle sector in Southwest Turkey and future opportunities for collaboration between experts from Spain and Turkey. The challenge for the present workshop is to identify priorities for short term and long-term investments of resources. Discussions were held in Solsona and in the following 3 days during the post-workshop trip to observe mycological silviculture in Poblet, Spain and the extensive truffle cultivation region of Sarrión, Spain. During these discussions the following priorities were agreed upon:

1. Establish a protocol and certification program for evaluating seedlings inoculated with *Tuber* sp for truffle plantations
2. Educate a group of truffle experts in Turkey to provide technical assistance
3. Seek economic incentives for the Truffle sector in Turkey
4. Develop a truffle map for Turkey identifying natural truffle habitat for species of economic interest (national or regional studies)

Additional needs identified from the Turkish Truffle Sector

- Information on information channels and addresses (to get the true information on truffles)
- General information on the most known 3 *Tuber* species, distribution, identification and reference to the national truffle action plan
- A section called - “False Facts” known on truffles to show that some of the available information may be false
- A section for the investors with steps for effective truffle cultivation (nursery, cultivation etc.)
- Good practices from Spain and Turkey.
- Details on the food consumption (from collection to the last customer) – recommendations for storage, etc.
- Related stakeholders / institutions (short information)

Many of the additional information and needs identified will be addressed in the Technical Guide for Best Practices that will be created as part of the TRUMAP project. Other identified needs require longer-term projects and collaboration among Turkish stakeholders including the General Directorate of Forestry, universities and the private sector.

Potential Collaborations:

Turkish stakeholders from the OGM expressed a strong interest in collaborating on 4 important projects on the list of priorities. These collaborations would involve experts from CTFC as well as Spanish stakeholders that engaged in this project: Juan Ma Estrada, Victor Vellvé and Dídac Espasa.

- Developing A Protocol For Truffle Seedling Certification: Technology Transfer And Training Of Experts Including Molecular Techniques In Assessment Of Plantation Progress
- Extension Service To Truffle Growers: Technical Visits To Evaluate And On-Going Follow-Up By Experts From CTFC To Truffle Sites In Turkey
- Technology Transfer For The Training Truffle Experts In Turkey
- Assistance In Mapping Truffle Habitat In Turkey

Outline for Technical Guide:

TRUMAP: BEST PRACTICES FOR CULTIVATION OF TRUFFLES

1. TRUFFLE CULTIVATION AS AN IMPORTANT AGROFORESTRY PRACTICE FOR RURAL DEVELOPMENT
2. LAND SUITABILITY
3. PLANTING
4. MAINTENANCE
5. COST-BENEFIT ANALYSIS
6. MAPPING OF SUITABLE LANDS FOR TRUFFLE HABITAT AND CULTIVATION
7. LITERATURE CITED
8. DESCRIPTION OF TUBER MYCORRHIZAE
9. RESEARCH ADVANCES FOR APPLICATION IN TRUFFLE CULTIVATION
10. TRUFFLE PRODUCTS
11. DEVELOPING A TRUFFLE SECTOR IN SOUTHWEST TURKEY
12. STAKEHOLDERS IN THE TRUFFLE SECTOR OF SOUTHWEST TURKEY
13. LITERATURE CITED
14. ACKNOWLEDGEMENTS

Annex 1 – Programme

Black Truffles and Medicinal and Aromatic Plants Network Project – TRUMAP

<http://trumap.ctfc.cat>

Workshop, CTFC (Solsona), 14 December 2016

Programme

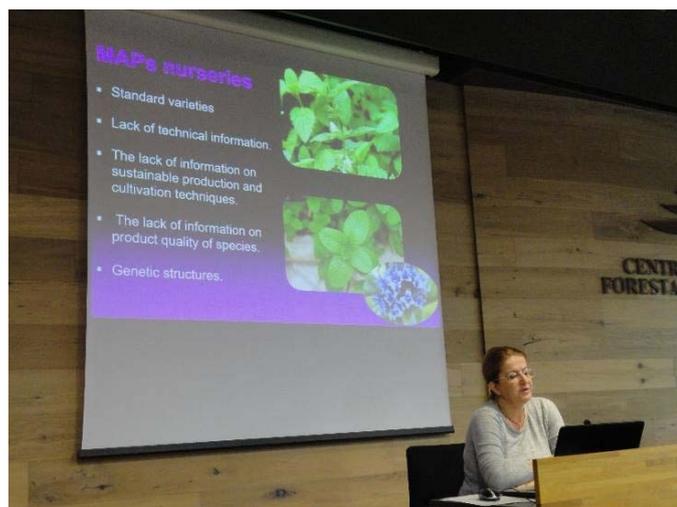
14.12	8:30 – 9:00	Pick up at the hotel + drive to CTFC
WED	9:00 – 10:40 (Sala d'actes)	WORKSHOP Introduction: <ul style="list-style-type: none">- Mr Antoni Trasobares, Director CTFC (15')- Mr Emin Simdi (15') Presentation of the project (general overview): Marta Rovira (5') <p>Presentation of the Diagnosis Conclusions:<ul style="list-style-type: none">- Eva Moré / Saadet Tuğrul Ay (20')- Dani Oliach - Christine Fischer / Yildiray Lise (20')</p>
	10:40 – 11:00	Coffee-break
	11:00 – 12:00	Presentation of experiences in Catalonia and South-West Turkey (Mugla, Denizli and Antalya): <ul style="list-style-type: none">- Catalan study case on MAPs: Pilar Comes, Parc de les Olors, http://parcdelesolors.com/ (10')- Catalan study case on Truffles: Dídac Espasa, Vice-president de l'Associació de Productors de Tòfona de Catalunya http://tofonadelaconca.com/ (10')- Turkish study case on MAPs: Saadet Tugrul Ay (10')- Turkish study case on truffles: Niyazi Uluçoban (10')
	12:00 – 13:30 (Seminar 1 & Seminar 2)	Discussion on production models and commercialisation channels used in each country and per product
	13:30 – 14:30	Lunch at Can Mascaró

Annex 2 – Photos of the event





Eva Moré, CTFC



: Saadet Tugrul Ay, BATEM



Christine Fischer, CTFC



Pilar Comes, Parc de les Olors



Dídac Espasa, Association of Truffle Producers

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